



# The Scottish BVD eradication scheme

Update August 2015

# Why eradicate BVD?

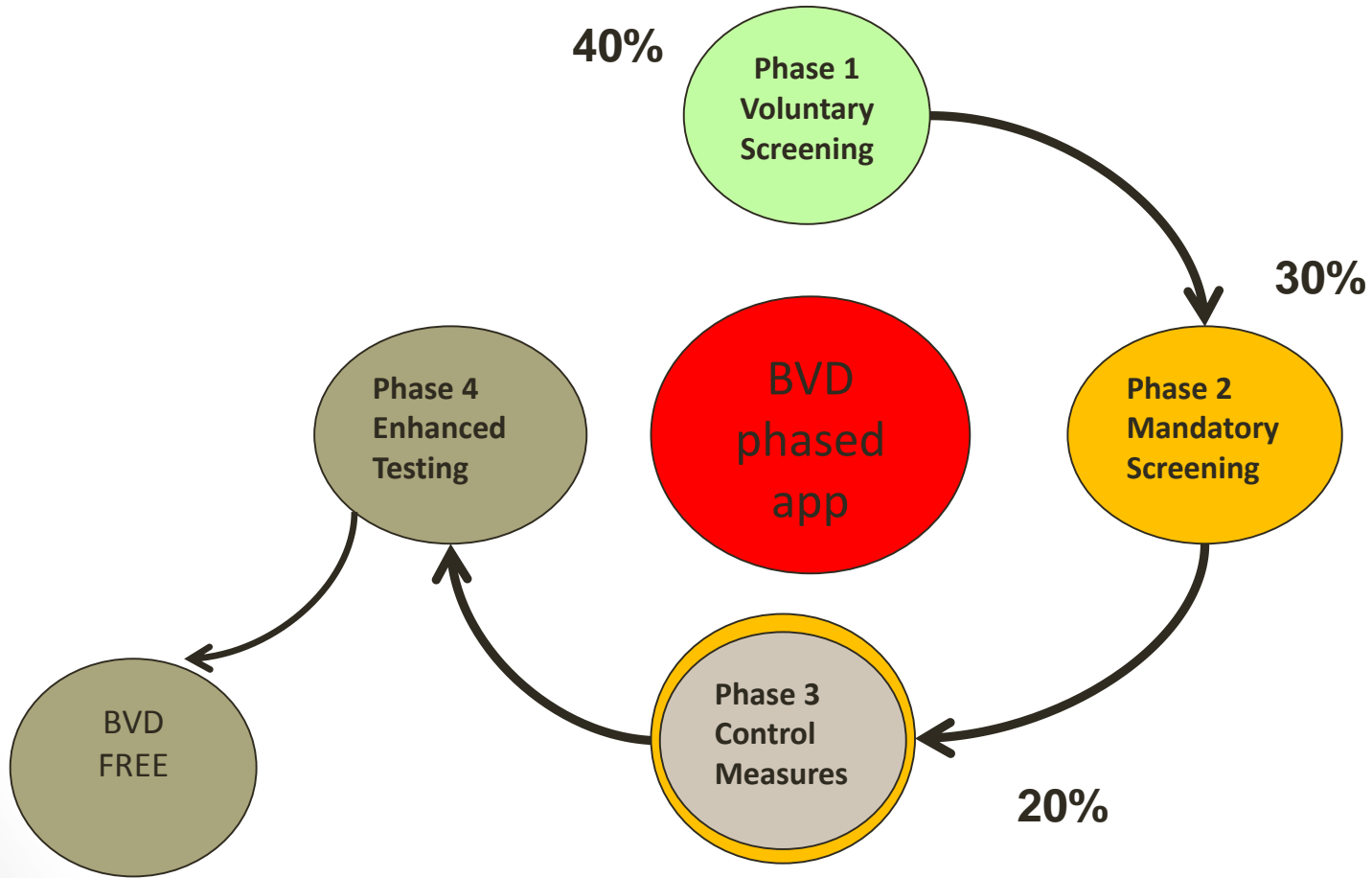
- Industry asked
- Not regulated in EU law, no human health or food safety issues.

*but...*

- Economic
- Welfare
- Timing
- Diagnostics
- Effectiveness



# How?- Phased approach



# Original BVD screening options

No.	TESTING OPTION	DAIRY/BEEF	TEST FOR ANTIBODY or ANTIGEN/VIRUS
1a	5 animals between 9-18 months per separately managed group	Either	Antibody
1b	10 animals between 6-18 months per separately managed group	Either	Antibody
1c	If neither above are possible test 5 animals 18m+ on holding since birth per separately managed group	Either	Antibody
2	Calf screen	Either	Antigen/Virus
3	Whole herd screen	Either	Antigen/Virus
4	Bulk milk plus bloods	Dairy	Antibody
5	Quarterly bulk milk	Dairy	Antibody
6	First lactation	Dairy	Antibody



# The ScotEID Database

The screenshot shows a web browser window displaying the ScotEID database interface. The browser's address bar shows the URL: `http://www.scoteid.com/scoteid/index.php?q=scoteid/bvd_tests&lookup=1`. The page title is "LIVESTOCK TRACEABILITY EID RESEARCH".

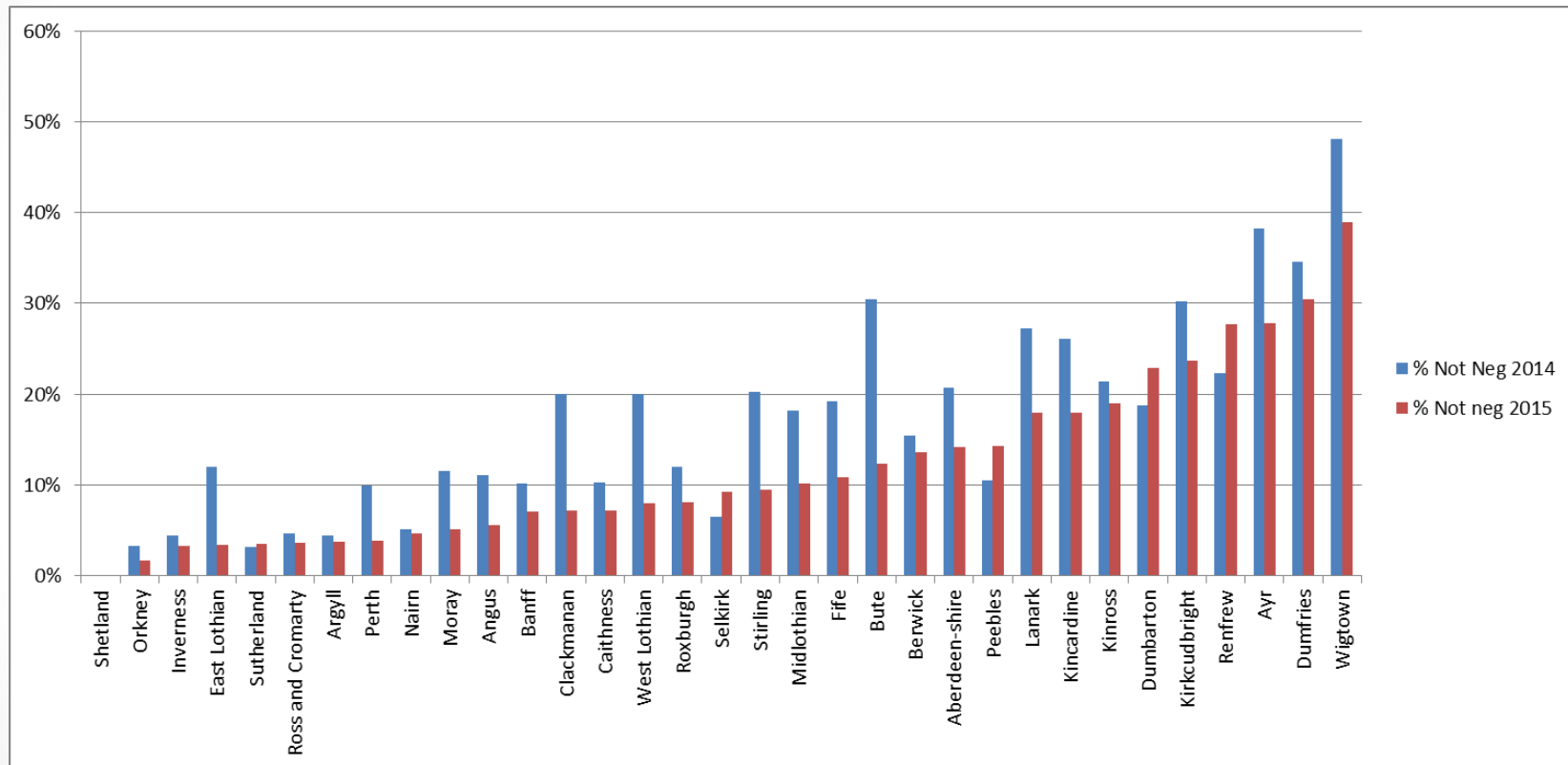
The main content area is titled "BVD status lookup" and includes the following elements:

- Navigation links: [Help Page](#) and [View BVD tests](#).
- Note: *Categories do not apply to pregnant cattle and are for current (not historic) status*
- Form fields:
  - Animal Holding (CPH):**
  - Animal ID:**
- Action button: [Query Database](#)
- Text: *To ensure the correct status of an individual animal you should enter **both** its holding and ID*
- Drupal logo
- Section: **Notes**
- Text area for notes
- Save button: [Save](#)

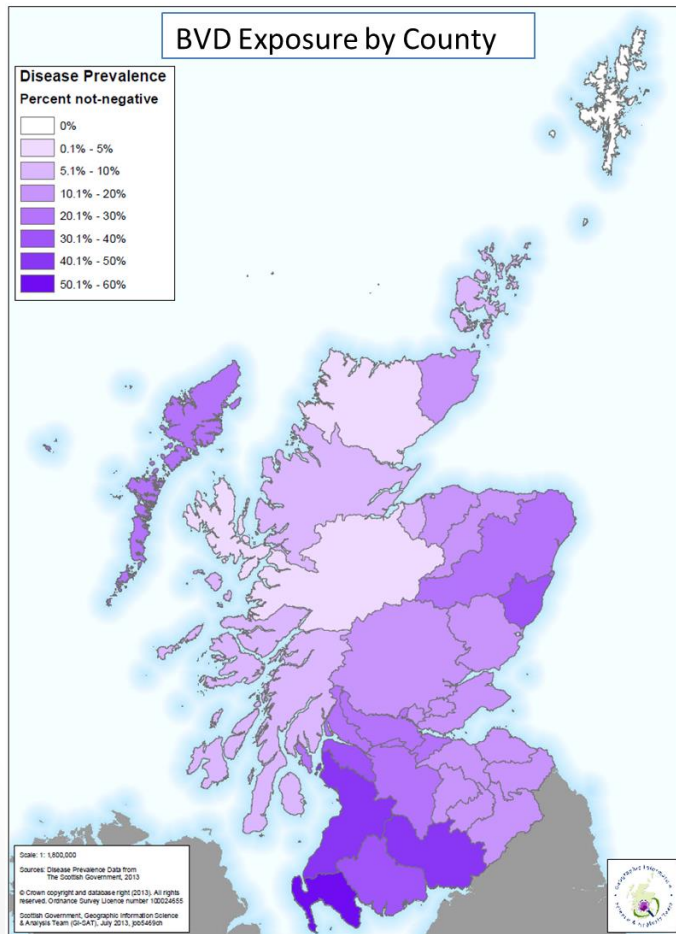
The left sidebar contains a navigation menu with sections for "Navigation", "Sheep", "Pigs", "Cattle", "Admin pages", and "Who's online".

The bottom of the browser window shows the Windows taskbar with various application icons and the system clock displaying 12:19 on 11/07/2013.

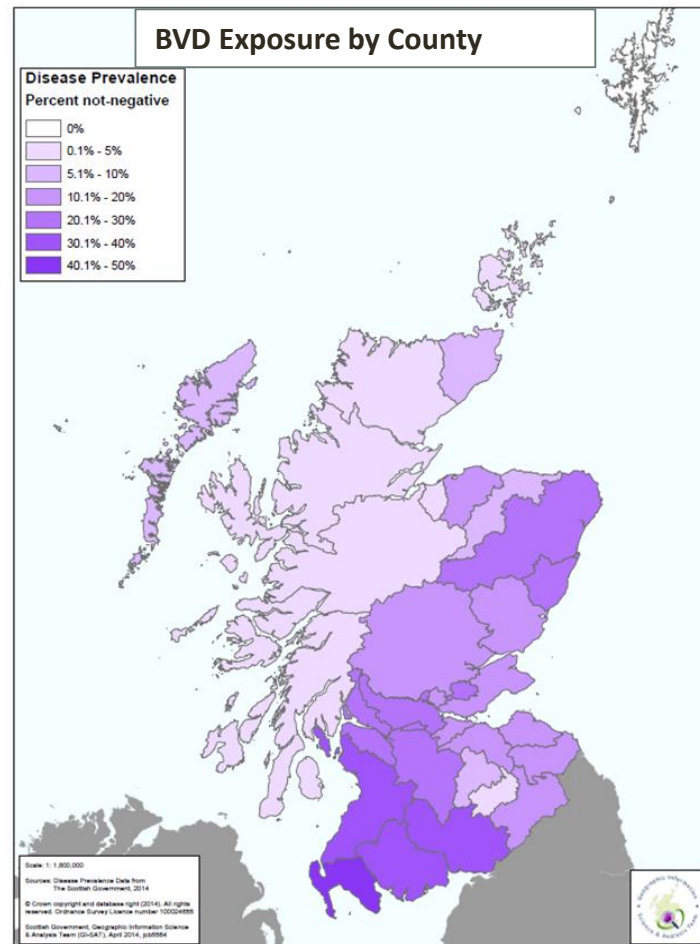
# % herds 'not negative' by county



# Regional Map of BVD exposure



2013



2014

# Phase 3 - Control Measures

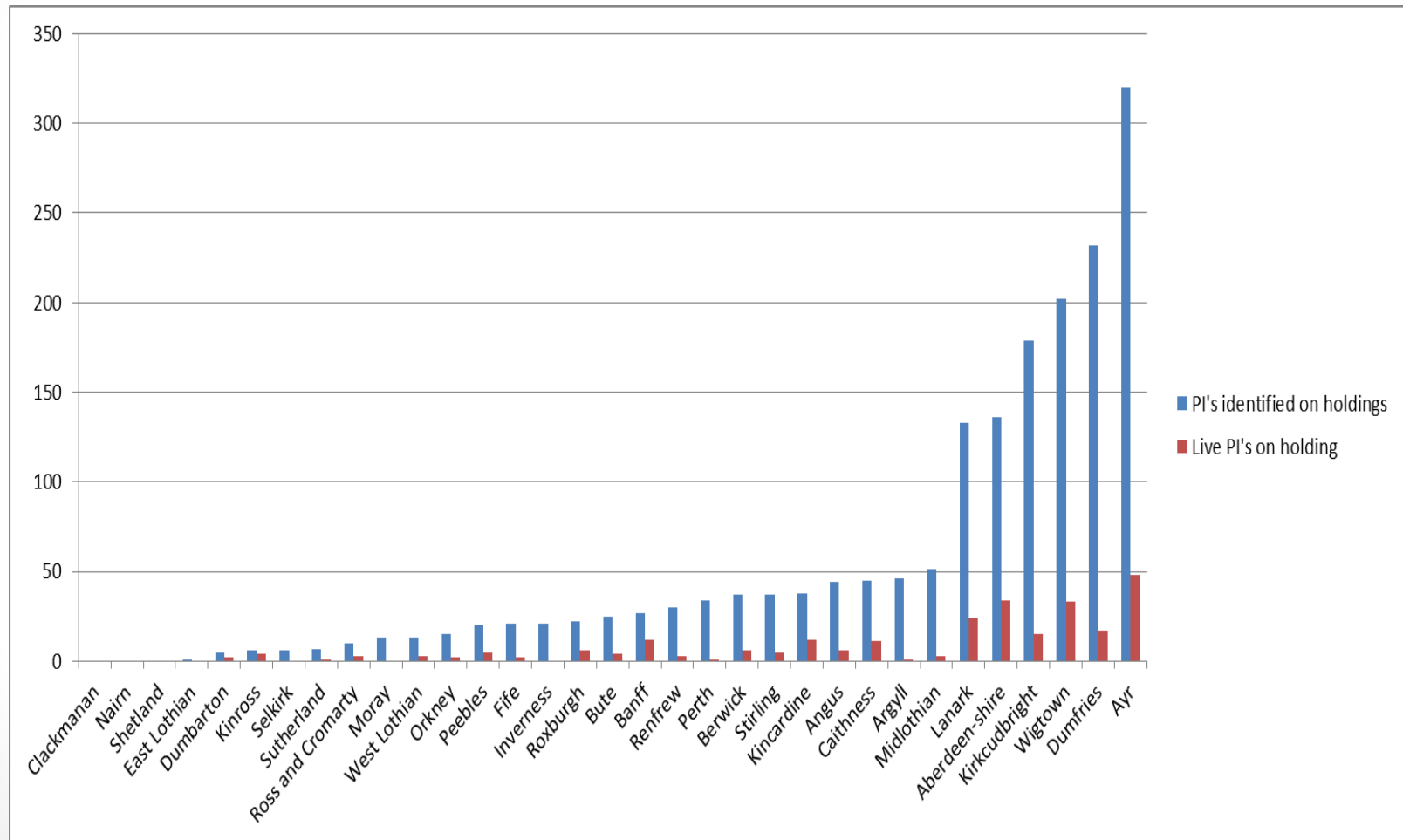
Control Measures: 1<sup>st</sup> January 2014

1. Ban on knowingly moving +ve BVDV cattle.
2. Untested herds become restricted
3. Herd status to be declared at movement
4. Shetland Derogation – reduced screening tests





# PI locations (April 2015 data)

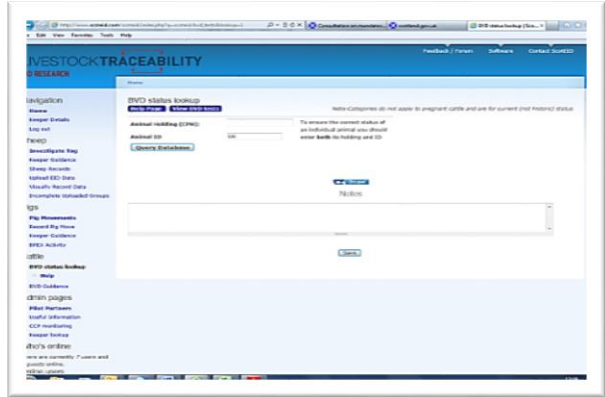




# The ScotEID Database

## Database Statistics – August 2015

- CPH's tested – 9721
- Negative – 87%
- Not Negative - 13%
- PI recorded – 2624
- PI's alive – 481



**Checked daily against CTS**

# BVD – Enhanced Control Measures – Phase 4

## Main Provisions

1. Reduced testing options
2. Movement restrictions for ‘not negative’ herds
3. Testing for non status animals
4. Mandatory herd declaration to fall
5. Assumed status





# Reduced testing options

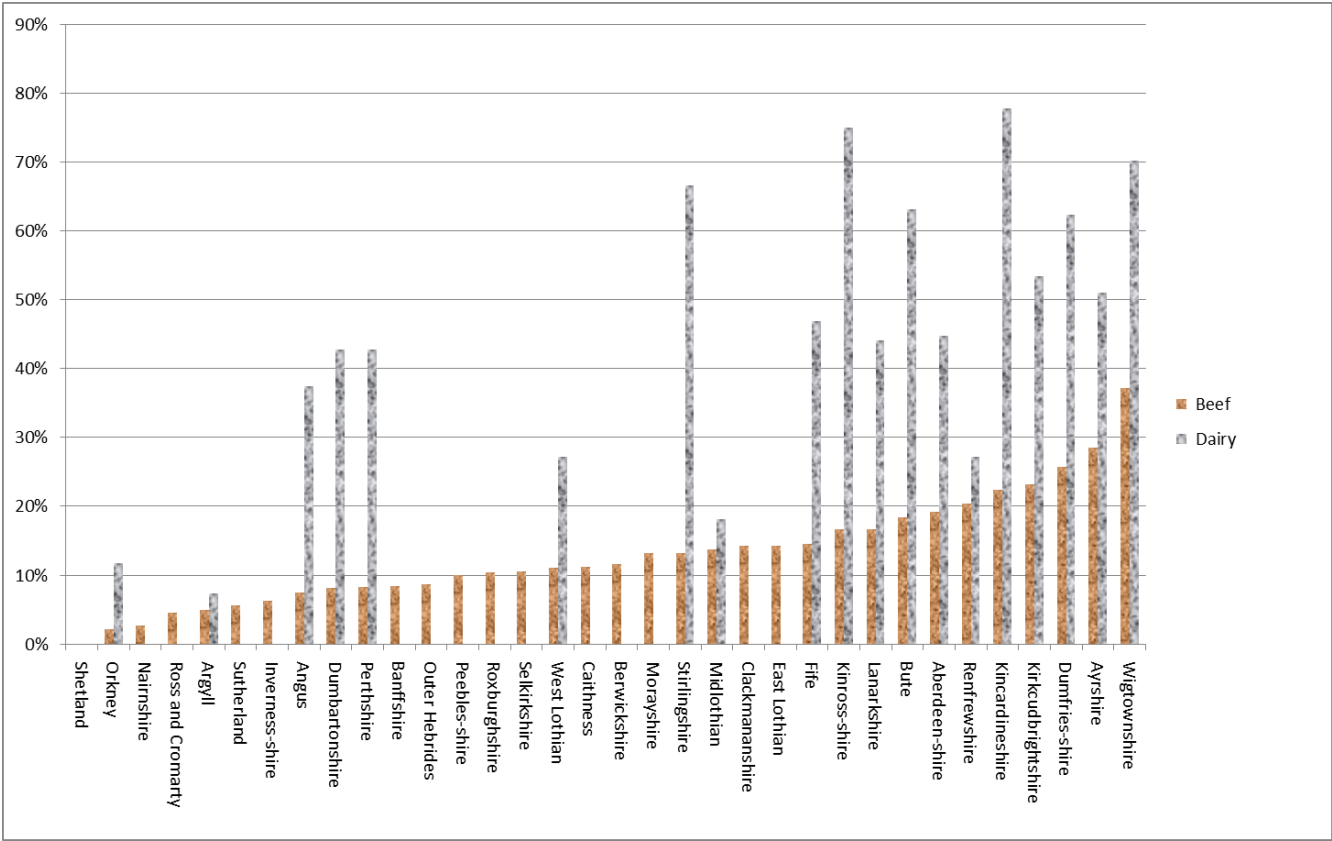
Provision – to reduce the number of tests

Why – Current options too complex and does not offer a true picture (dairy)

Phase four is more about determining which animals may or may not have BVDV

Initial screening tests designed to screen herds – if 'not negative' then to take action – not everyone has so perhaps false picture?

# Beef and Dairy July 2014

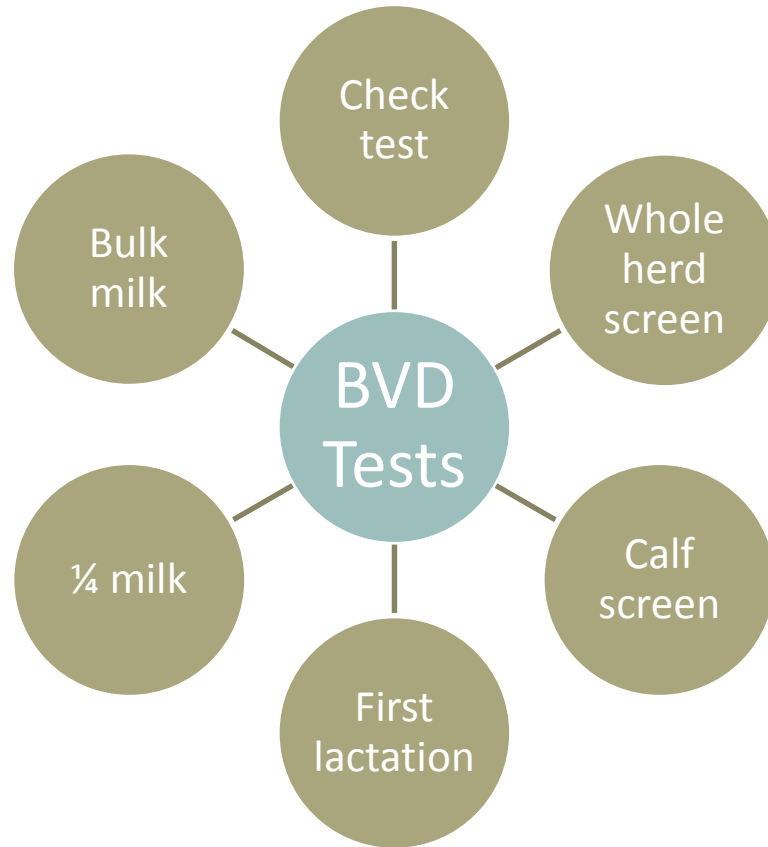


Beef 2012 = 23% Not Negative  
 Beef 2013 = 16% Not Negative  
 Beef 2014 = 13% Not Negative  
 Beef 2015 = 10% Not Negative

Dairy 2012 = 52% Not Negative  
 Dairy 2013 = 53% Not Negative  
 Dairy 2014 = 50% Not Negative  
 Dairy 2015 = 32% Not Negative

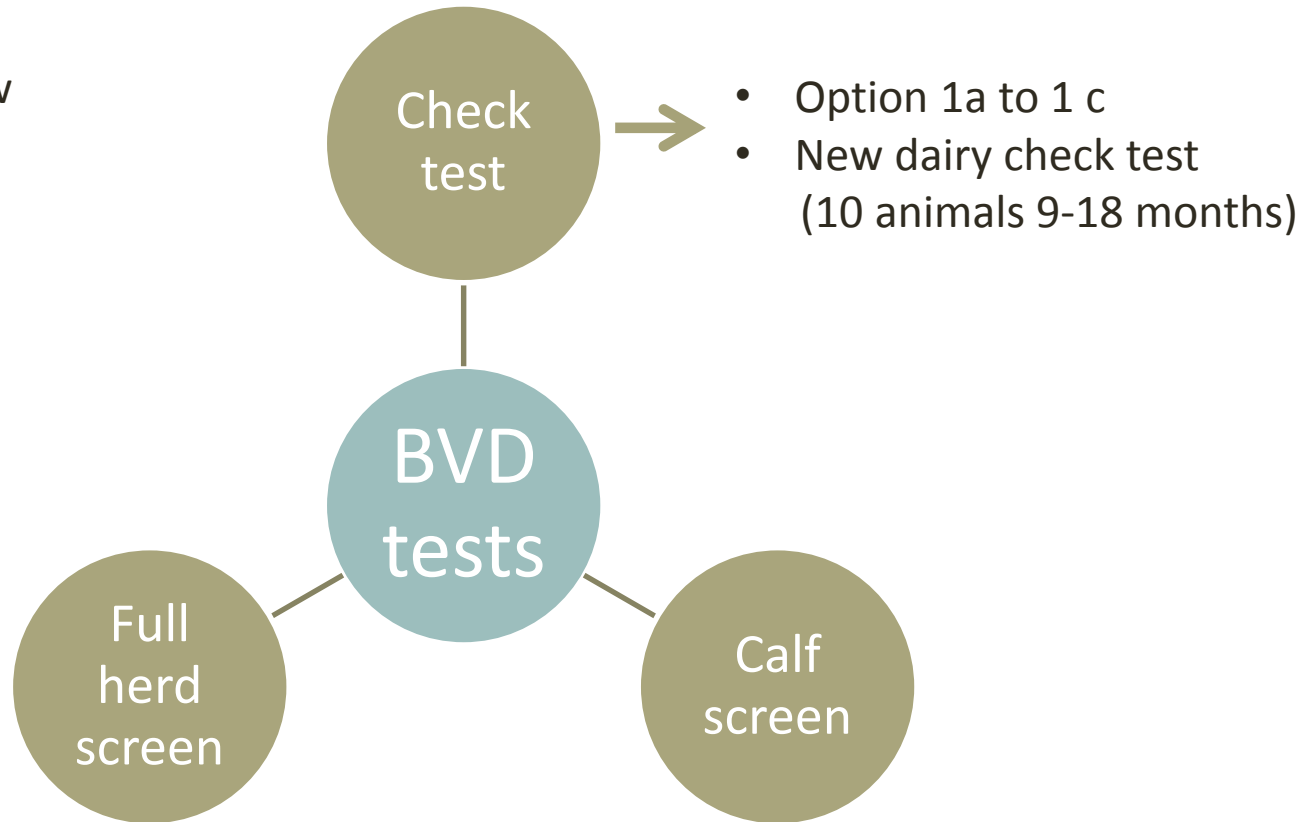
# Reduced testing options

Original



# Reduced testing options

New



## Assumed Status/Known PI's

Any calf from a BVDV positive animal is classed as a PI.

The mother of any virus negative calf will also be classified as negative.







# Movement restrictions for not negative herds

Provision – to restrict movements from holdings where the BVD status is ‘not negative’ (for any reason)

Why – Phase 3 only restricted animals that have been individually tested but allowed all other animals to move, even from not negative holdings. This stops this option until the herd status becomes negative.

Derogations –

- Can move to slaughter (no license required)
- Animals have been individually tested (negative)
- Movement under license (vet inspector)



# Testing of non status animals

Provision – to ensure animals from ‘untested herds’ do not go unchecked – require to be individually tested.

Why – Scotland is carrying out an eradication programme – others are not. This ensures we protect our herds at the individual and national level, in compliance with EU TS so that -

- A) Where an animal moves on to a breeding herd and it comes from an untested herd and is not individually tested, then
- B) The status of the herd which the animal now forms part of is deemed ‘not negative’
- C) Which in consequence means movement restrictions should apply to the herd (as per not negative restrictions)



# Mandatory herd declaration to fall

Current Phase 3 herd declaration -

BVD Cat 1 – individually tested or CHeCHS approved

BVD Cat 2 – herd screen negative

BVD Cat 3 – not negative/unknown

From phase 4 – only animals in cat 1 or 2 will be able to move so no need for mandatory declaration

Database will continue to support voluntary system



# Summary

- For the vast majority nothing will change
- Test options have been simplified
- Not negative holdings will have to carry out enhanced testing if they want to move animals (not direct to slaughter)
- Holdings will have to test animals that move on from untested herds if they want to protect their status
- Assumed status will start to apply for some animals
- The database continues to grow and grow – all are urged to make as much use of it as possible
- Detailed guidance was issued to all



# Contact details



[www.scotland.gov.uk/bvd](http://www.scotland.gov.uk/bvd)

- E-mail [bvd@scotland.gsi.gov.uk](mailto:bvd@scotland.gsi.gov.uk)
- BVD helpline 0300 244 9823
- BVD database [www.scoteid.com](http://www.scoteid.com)
- Policy 0300 244 9877